

IN THE CLAIMS

Please amend Claim 42 as follows:

42. (Amended) In the process of applying a roofing surface membrane layer to a building roof, the improvement comprising an in situ, field applied mesh reinforced polyurethane foam roofing surface membrane, in combination with a building roof base, said base having an outer perimeter, comprising:

a seamless solidified cured polyurethane foam surface membrane layer;

said foam surface membrane layer being spontaneously cured and directly applied integrally to said building roof base;

said foam surface membrane layer extending from a bottom roof engaging portion to an upper exposed portion;

said seamless solidified polyurethane foam surface membrane layer having a reinforced open mesh layer;

said reinforced open mesh layer having a plurality of fibers imbedded within said upper exposed portion of said solidified polyurethane foam surface membrane layer;

wherein upon curing, said cured polyurethane foam surface membrane layer extends through recess in said mesh and surrounds said fibers of said mesh; and,

in said process of applying, an adhesive layer is not required; and

said roofing surface membrane having a membrane perimeter,
said membrane perimeter being coterminous with said outer
perimeter of said building roof base.

43. (previously presented) The in situ, field applied mesh reinforced polyurethane foam roofing surface membrane as in Claim 42, wherein said reinforced open mesh layer is a fabric.

44. (previously presented) The in situ, field applied mesh reinforced polyurethane foam roofing surface membrane as in Claim 42, wherein said reinforced open mesh layer is a plastic.

45. (previously presented) The in situ, field applied mesh reinforced polyurethane foam roofing surface membrane as in Claim 42, wherein said reinforced open mesh layer is selected from the group consisting of nylon, fiberglass and aramid.

46. (previously presented) The in situ, field applied mesh reinforced polyurethane foam roofing surface membrane as in Claim 42 further comprising a coating applied over said upper exposed portion of said solidified polyurethane foam surface membrane.

49. (Canceled) The in situ, field applied surface membrane roofing product made by the method of Claim 47.--